

GEYYER, V. [Heier, V.] doktor tekhn.nauk, prof.

Mine without people. Nauka i zhyttia 11 no.1:19-20
Ja '62. (MIRA 15:2)

1. Prorektor Donetskogo politekhnicheskogo instituta.
(Mining engineering)
(Automation)

SAVAGE, W. J. 1931"

1931
1932
1933

"The original problem of the Foreign Department of the Nationalist Chinese, Dr. C. C. Wang, Dr. S. C. Chen, Mr. C. C. Lin, General W. Y. Liang, General S. H. Chang, etc.

"July 1931

China involved with India, Vietnam, and Thailand had been ordered to further expand their coal mining, digging of wells, water development, roads, and control of lumber at pre-Indo levels. Officials present at the meeting were told that for China would be the responsibility of the U.S. Agency for International Development, having overall site problems. This is the main conclusion.

July 1931

GEYER, V. C.

GEYER, V. C. -- "Theory of Hydrocompressors and Prospects for Their Use in the Mining Industry of the USSR." Sub 3 Apr 52, Moscow Mining Inst imeni I. V. Stalin (Dissertation for the Degree of Doctor in Technical Sciences)

SO: Vechernaya Moskva January-December 1952

S E Y E R, W. G.

(1)

Fuel Abstracts
May 1954
Natural Solid
Fuels: Mining

✓ 3363. AIR LIFTS AS MEANS OF PUMPING DURING SIZING OR VERTICAL TRENCHES
Galer, V.G. (Igol (Coal), Nov. 1953, 23-25). The simplicity and the
underground space-saving properties of air lifts are explained and the
following arrangement is advocated. An annular trough round the inside of
the shaft collects water some distance above the working face. A pipe leads
water down from the trough, forms a U and rises to a point of no flow on the surface.
Compressed air is fed into a mixer on the rising leg of the U, then enters the
its lower point. Performance figures are given. [Vol. 28, NO. 11]

Donetskiy industrial'nyy institut/

OKYER, V.G., inzhener; BELIKOV, P.F., inzhener; REZNIKOV, A.L., inzhener.

Automatization of water drainage in mines. Mekh.trud.rab. ? no.5:16-18
My '53. (MLRA 6:5)
(Mine drainage)

PAK, Vitol'd Stepanovich, professor; GEYER, Viktor Georgievich; professor doktor tekhnicheskikh nauk; KISELEV, V.I., redaktor; ZEMSKOV, P.Y., redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor.

[Mine ventilating and draining systems] Rudnichnye ventiliatornye i vodoootlivnye ustanovki. Moskva, Ugletekhnizdat, 1955. 352 p.
(MLRA 8:12)

1. Maystvitel'nyy chlen AN USSR.
(Mine ventilation) (Mine pumps)

SHEVYAKOV, L.D., akademik, redaktor; ABAKUMOV, Ye.T., kandidat tekhnicheskikh nauk, redaktpor; GHEYER, V.O., doktor tekhnicheskikh nauk, redaktpor; LIUIN, G.D., doktor tekhnicheskikh nauk, redaktor; OGLORBLIN, D.N., doktor tekhnicheskikh nauk, redaktor; OSTROVSKIY, S.B., redaktor; PAK, V.S., redaktpor; SAVIN, G.I. redaktor; SKOCHINSKIY, A.A., akademik redaktor; SUDOPLATOV, A.P., doktor tekhnicheskikh nauk, redaktor; TERPIGOROV, A.M., akademik redaktor; SHCHERBAN', A.N., doktor tekhnicheskikh nauk, redaktor; "TEPLITSKIY, G.A., redaktor; KOROVENKOVA, Z.A., tekhnicheskiy redaktor; ANDREYEV, G.O., tekhnicheskiy redaktor

[Mining coal at great depths; proceedings of a conference held in Stalino, October 1953] Razrabotka ugol'nykh mestorozhdenii na bol'sikh glubinakh; trudy soveshchanija v g. Stalino, oktjabr' 1953 g. Moskva, Ugletekhizdat, 1955. 475 p. (MLRA 8:8)

1. Devstvitel'nyy chlen AN USSR (for Pak and Savin) 2. Akademiya nauk SSSR, Institut gornogo dela.
(Coal mines and mining)

PROGNIMAK,D.Ya., gornyy inzhener; TARANOV,P.Ya., dotsent, kandidat
tekhnicheskikh nauk; LIFSHITS, I.B.; GETTER,V.G., professor

Remarks on IU.I. Levitskii's article: "Pressing problems of the
coal industry". Ugol' 30 no.4:40-42 ap '55. (MLRA 8:6)

1. DonGI (for Prognimak) 2. Donetskij industrial'nyy institut
(for Taranov) 3. Nachal'nik planovogo otdela shakhty No.42
"Kapital'naya" tresta Kopeyskugol' (for Lifshits).

GEYER, V.G., professor

Remarks on N.E.Ofengenden's article "Operation of large capacity
automatic drainage installation without control valves." Ugol'
30 no.4:43 Ap '55.
(MIRA 8:6)

1. Donetskiy industrial'nyy institut.
(Ofenganden, N.E.) (Mine drainage)

~~GEVER, V.G.~~ professor, doktor tekhnicheskikh nauk, redaktor; FAYBISOVICH,
I.L., otvetstvennyy redaktor; ANDHEYEV, G.G., tekhnicheskiy redaktor

[Automatization in the coal industry] Avtomatizatsiya v ugol'noi
promyshlennosti. Moskva, Ugletekhizdat, 1956. 579 p. (MIR 10:1)
(Automatic control) (Coal mining machinery)

15-57-10-14965

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,
p 274 (USSR)

AUTHOR: Geyyer, V. G.

TITLE: Automation of Heavy-Duty Mine-Draining Equipment
(Avtomatizatsiya moshchnykh shakhtnykh vodoootlivnykh
ustanovok)

PERIODICAL: V sb.: Avtomatizatsiya v ugol'noy promyshlennosti.
Moscow, Ugletekhnizdat, 1956, pp 193-207

ABSTRACT: In order to convert water-draining equipment with high-voltage motors into an automatic system, the Donets Industrial Institute in cooperation with the "Krasnyy Metallist" (Red Metal Worker) Factory (at Konotop) manufactured the apparatus AVV-1 and the improved form AVV-3; the apparatus AVD-3 (intended for low-voltage installations) was adapted for this purpose. The author points out that because of the complexity of the automation system and because of the low expense for nonautomatic high-voltage water-drainage

Card 1/3

15-57-10-14965

Automation of Heavy-Duty Mine-Draining Equipment (Cont.)

operations, this automation is expedient only when the pumping can be done under optimum conditions. Calculations prove that, of the methods of controlling the pumping operation--by using a pressure relay and by water discharge from the pipe--the second is better. The Donets Industrial Institute and the "Krasnyy Metallist" Factory developed a special relay which allows an accuracy in operation of ±5 percent. The author reports on the investigation of processes of starting and stopping the pumps. He indicates the necessity of automatic opening of the valve before starting the pump (to avoid air pockets) and the slow automatic closing of the valve before the pump stops (to avoid water hammer effect) and for safety during any rare stoppages of the mine pumps with the valve open (stoppages due, perhaps, to cut-off of the electrical power source). For prevention of water hammer counteracting devices are recommended: a spring-loaded safety valve, made by the Donets Coal Mining Institute, and controlled damper for the water hammer, acting at the instant the pressure decreases. The problems of selecting methods of submerging the pumps are examined. It is contended that the use of booster

Card 2/3

15-57-10-14965

Automation of Heavy-Duty Mine-Draining Equipment (Cont.)

pumps and the location of pumps below water level in water-collecting headers considerably simplify the system of automation. The author proposes a variant system, AVV-3 (b) for automation of the principal water-draining apparatus with booster pumps and placing of a vertical pump in the principal intake. The system provides for the use of a consumption relay, a pneumatic-electrical level relay, a pressure relay for controlling the pump valve, a thermo-relay of type TR-200 for controlling the temperature of the safety valves, and an emergency-level relay for switching on the emergency pumps. The system may be used with apparatus employing control valves and without them. The author discusses the problem of mass introduction of automation for water-draining apparatus.

V. K. Yasnyy

Card 3/3

GHEYER, V.G., professor, doktor tekhnicheskikh nauk.

Trends in the improvement of pumps for fixed mine drainage installations.
Gor. zhur. no. 8:48-53 Ag '56. (MIRA 9:10)

1. Donetskij industrial'nyy institut.
(Mine pumps)

GEYVER, V.G., prof.; BORUMENSKIY, A.G., dotsent; HELIKOV, P.F., inzh.;
TTIOSHNEKO, G.I., inzh.

Automatizing pumping stations for hydraulic mining. Nauch. dokl.
vys. shkoly; gor. dele no.1:139-145 '58. (MIRA 11:6)

1. Predstavlena kafedroy gornoj mekhaniki Donetskogo industrial'nogo
instituta.
(Excavating machinery--Electric driving)

GHEYER, V.G., prof.; TIMOSHENKO, G.M., inzh.; FADIN, V.A., inzh.

Automatic control of coal-suction equipment in hydraulic mining.
Ugol' Ukr. 3 no.8:28-30 Ag '59. (MIRA 12:12)

I.Donetskiy industrial'nyy institut.
(Hydraulic mining) (Automatic control)

GRAYTER, V.G., prof., doktor tekhn.nauk

Theoretical bases for estimating the water jet needed for the
breaking-off of coal. Ugol' Ukr. 3 no.12:1-5 D '59.
(MIRA 13:4)

1. Donetskij industrial'nyy institut.
(Hydraulic mining)

GHEYER, V.G., prof., doktor tekhn.nauk; SIDOROVICH, V.G.

Basic technical objectives for an efficient utilization of
electric power in mines. Ugol' Ukr. 4 no.4:5-7 Ap '60.
(MIRA 13:8)

1. Donetskij industrial'nyy institut (for Geyyer). 2. Nachal'nik
elektromekhanicheskogo upravleniya Stalinskogo sovnarkhoza (for
Sidorovich).

(Electricity in mining)

GEYVER, V.G., prof., doktor tekhn. nauk

Vertical reservoirs for mine drainage. Got. zhur. no. 2:55-58 162.
(MIRA 17:2)

1. Donetskij politekhnicheskiy institut.

GEYYER, V.G. [Heller, V.H.], doktor tekhn. nauk, prof.

Air sends it to the surface. Nauka i zhyttia 12 no.12:54
D 1982. (MIRA 16:8)

GEYER, V.G., doktor tekhn.nauk; TIMOSHENKO, G.M., kand.tekhn.nauk;
FADIK, V.A., assistent

Automation of pumping stations in hydraulic mines. Mekh. i avtom.
proizv. 16 no.1:31-34 Ja '62. (MIRA 15:1)

(Electronic control)
(Hydraulic mining--Equipment and supplies)

GEYVER, V.G.; GALUSHKO, M.K.; MULIN, N.V.

Air lift hoisting and hoisting with chamber feeders. Ugol' 39 no.
9:49-53 S '64. (MIRA 17:10)

1. Donetskiy politekhnicheskiy institut (for Geyver). 2. Donetskiy
nauchno-issledovatel'skiy ugol'nyy institut (for Galushko). 3. Ukrainskiy
nauchno-issledovatel'skiy institut gidrodobychi ugliya (for Mulin).

CA

Laboratory vapor baths for evaporation. N. O. Zeldin
and I. A. Cukel. Zemlyashen Lab. 9, 1340(1940);
Chem. Zem. (1941), 11, 2248. - In order to be able to heat
the baths both electrically and with a gas or alc. flame,
2 elec. heating units consisting of Ni-Cu wire wound on
porcelain within Cu casings were placed in each bath in
such a manner that an open end of the Cu casing extended
outside the bath. The baths were painted with asphalt
varnish every 10-18 days as a protection against attack
by acid.

M. G. Moyer

AIA-16A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED INDEXED SERIALIZED FILED

JULY 1940 WAD GRY 600

SEARCHED INDEXED SERIALIZED FILED
JULY 1940 GRY 611

SELYEMEZOV, V.

Filosofskie problemy atomej fiziki
(Philosophical problems in atomic physics). Per.
...A. Svetlichnaya. Vydanie stat'tia I.V. Kuznetsova.
Sankt-Peterburg, 1953. 125 p.

SD: Monthly List of Russian Accessions, Vol. 7, No. 1, August 1954

GEYZENBERG, V. [Heisenberg, W.]

Planck's discoveries and the basic philosophical problems of atomic
theory. Usp. fiz. nauk. 66 no.2:163-175 O '58. (MIRA 12:1)
(Atomic theory) (Quantum theory)

KOROLEV, N.N.; GORENBLAT, V.A.

Device for determining the level of oil in the engine. (Lit. project no. 3:37 Mz 162.)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515010014-4

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515010014-4"

GELYENBLAZEN, B.Ye., inzh., GONCHAROV, Yu.G., inzh.; KOLESNIK, A.S.;
LAZARENKO, N.A.; DAVIDKOVICH, A.S., inzh.

Automation of a two-stage crushing cycle. Gor. zhur. no.2:54-57
(MIRA 1964)
F '65.

1. Metallurgavtomatika (for Geyzenblazen, Goncharov, Davidovich).
2. Tsentral'nyy gornobigatitel'nyy kombinat, Krivoy
gorod (Gor. zhur. no.2:54-57, Lazarenko).

DAVIDKOVICH, A.S., inzh., TKACHENKO, N.A., inzh., GEYZENBLAZEN, B.Ye.,
inzh.; GONCHAROV, Y.G., AFANAS'YEV, V.P., inzh., RUDOV, V.S.,
inzh.; KONOGRAY, F.YA., inzh.

Investigating the electrodynamic method of controlling the loading
of ball mills. Ger. zhur. no. 1113. My '69. (MIRA 18:5)

1. Trest po avtomatizatsii i radiovzgljivaniyu predpriyatiy "Metal-
lurgavtomatika" Dnepropetrovsk (for Davidkovich, Tkachenko, Gezen-
blazhen, Goncharov); 2. Neftnoe naftodrevstvennoye gornorudnyy institut
(for Afanasyev, Rudov, Konograd).

DAVIDKOVICH, A.S.; GONCHAROV, Yu.G.; GEYZENBLAZEN, B.Ye.; BABKOVA, T.B.;
FYTADKO, V.D.; BELETSKIY, Ye.P.; KOLESNIK, A.S.; LAZARENKO, N.A.

Analysis of the efficiency of work output of the automated
ore dressing section in the Krivoy Rog Central Mining and Ore
Dressing Combine. Met. i gornorud. prom. no.4:64 Jl-Ag '65.
(MIRA 18:10)

1. GHEYZER, I.; MALISHKEVICH, M.; MOSHCHENNIKOV, N. ; SHPILEVOY, V.; AKHEND. A.;
COLOVANENKO, V. V.
2. USSR (600)
4. Radio - Exhibitions
7. Radio amateurs are getting ready for the Eleventh All-Union Radio Exhibition.
Radio. No. 10, 1952
9. Monthly List of Russian Accessions, Library of Congress, _____ 1953. Unclassified.

GEYZER, I. M.

Nikolai Aleksandrovich Semashko, 1874-1949; a bibliography. Moskva, Izd-vo
Akademii med. nauk SSSR, 1950.

GETZER, I.M.

[Chekhov and medicine] Chekhov i meditsina. Moskva, Medgiz, 1954.
138 p. (MLRA 7:8)
(Chekhov, Anton Pavlovich, 1860-1904)

GEYZER, I.M.

Medicine in life and works of A.P.Chekhov. Med. sestra no.8:
8-11 Ag '54. (MLRA 7:8)
(CHEKHOV, ANTON PAVLOVICH, 1860-1904)

GHEYZER, I.W. (Moscow)

Chekhov and medical science. Sov. med. 18 no.7:3-6 Jl '54.
(MLRA 7:8)

(CHEKHOV, ANTON PAVLOVICH, 1860-1904)
(PHYSICIANS IN LITERATURE)

GEYZER, I.M. (Moskva)

Outstanding writer and physician. Med. sestra no.8:24-29 Ag '55.
(BIOGRAPHIES,
Veresnev, Vikentii, V.)
(MLRA 8:11)

GEYZER, I.M.

Medicated honey. Zdorov'e 2 no.11:32 N '56.
(HONEY)

(NIRA 10:1)

GEYZER, Issay Moiseyevich; PORTNOV, A.A., red.; ZAKHAROVA, A.I., tekhn.red.

[V.V.Veresaev, writer and physician] V.V.Veresaev pisatel'-vrach.
Moskva, Gos.izd-vo med.lit-ry, 1957. 145 p. (MIRA 12:2)
(SMIDOVICH, VIKENTII VIKENT'EVICH, 1867-1945)

ZAGNOVA, M.D., nauchnyy sotr.; VASIL'YEV, A.S., nauchnyy sotr.; GEYZER,
I.M., nauchnyy sotr.; YEFIMOV, N.A., nauchnyy sotr.; LUK'YANOV,
V.S., nauchnyy sotr.; PANKOVA, V.M., red.; KOLOBOVA, N.D.,
tekhn. red.

[Living and health] Byt i zdrav'ye. Moskva, Profizdat, 1962.
149 p.
(MIRA 15:9)

1. Moskovskiy nauchno-issledovatel'skiy institut gigiyeny im.
F.F. Erishmana (for all except Pankova, Korobova).
(HYGIENE)

GEYZER, I.M. (Moskva)

Medical faculty of Moscow University during the War of 1812.
Zdrav.Ros.Feder. 6 no.9:31-33 S '62, (MIRA 15:10)
(MOSCOW UNIVERSITY)
(RUSSIA--INVASION OF 1812--MEDICAL AND SANITARY AFFAIRS)

GEYZER, I.M. (Moskva)

"Medical problems in the works of M.V.Lomonosov" by S.M.Grombah.
Reviewed by I.M.Geizer. Med.sestra 21 no.9:56-57 S '62.
(MIRA 15:9)
(MEDICINE) (LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765)

GEYZER, I.Ya. (Moskva)

Matvei Iakovlevich Mudrov; on the 180th anniversary of his birth and
125th anniversary of his death. Med.sestra 15 no.9:26-29 S '56.
(MIRA 9:11)

(MUDROV, MATVEI IAKOVLEVICH, 1776-1831)

FEDOTOV, N.I.; GORYEZ, R.I.; GERASHENKO, L.N.; MUL'YAKOVA, V.Ya.;
PERSIANOVA, I.P.

Relation between the degree of microflora permeation of canned
food before sterilization and the results of the bacteriological
analysis of the finished product. Khimioprav. 17 n. 37-38
(Chem. 15:7)

I. Chirinskii nauchno-issledovatel'skiy institut konservney
prery, selenosti.

(Food, Canned, Sterilization)
(Food—Facter, steriliz.)

LUKASH, B.; GEYZLAR, M.; LIBIKH, Ya.; GEROL'D, M.; GOFFMAN, Ya.;
MALEK, Ya.

Comparative study of the distribution of combined "antibiolympin"
(streptomycin, nocomycin) preparations and tetracycline in the
bodies of experimental animals after their parenteral administration.
Antibiotiki 7 no.3:75-79 Mr '62. (MIR 15:3)

1. Kafedra epidemiologii Voyennogo meditsinskogo issledovatol'skogo
instituta i Instituta usovorshenstvovaniya vrathchey imeni I.Ye.
Purkina, Gradets Kralove i Issledovatel'skiy institut antibiotikov,
Roztoki u Pragi.

(ANTIBIOTICS)

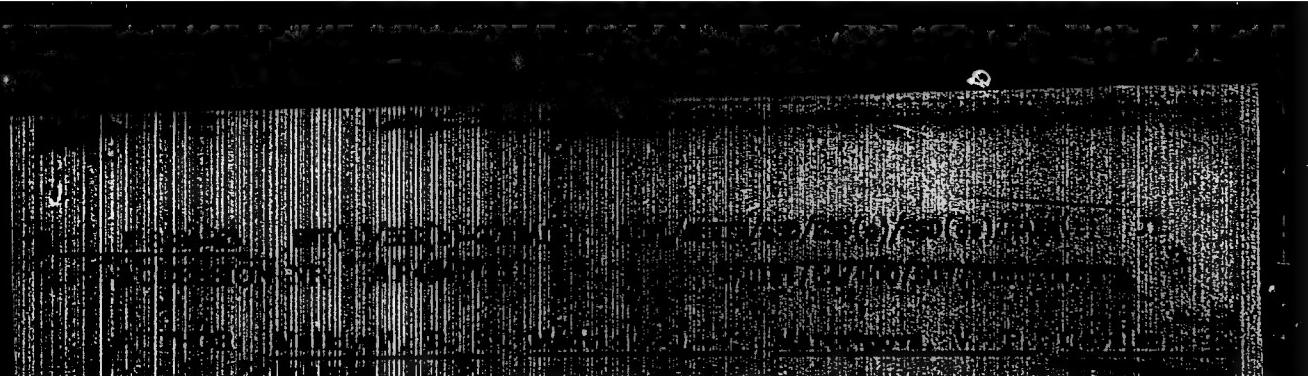
(TETRACYCLINE)

GEYZLAR, M. [Hejzlar, M.] (Praga)

"IAva" motorcycle is known all over the world. Za rul. 21 no.4:
30 Ap '63. (MIRA 16;5)
(Czechoslovakia--Motorcycles)

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VASILENKO, A.A. [Vasylenko, A.O.]; GEZ, Yu.I. [Hez, IU.I.]

Effect of phosphorus content on the properties of cast iron
with nodular graphite. Nauk. pratsi Inst. lyv. výrob. AN
URSR 8:28-41 '59. (MIRA 14:1)
(Cast iron--Testing) (Phosphorus)

SEARCHED INDEXED SERIALIZED FILED
APR 10 1966 BY CLERK OF COURT

J. L. Dickey, Yan Li

卷之二

10710: Alloyed cast iron with spheroidal graphite. Class 40, no. 135945

SUCHOB: Izobreteniya, promyslennyye obraztsy, tovarnyye znaki, no. 14, 1966, 82

TOPIC THIS: cast iron, iron alloy

ABSTRACT: An alloyed cast iron with spheroidal graphite and possessing improved corrosion stability and wear resistance is proposed which has the following composition (%): C - 3.6-4.3; Si - 2.6-3.2; Mn - 0.4-0.6; P - 0.1-0.2; S - 0.015-0.008; Ti - 0.15-0.45; Cr - 0.15-0.4; Cu - 0.6-0.9; Ce - 0.08-0.15; Mg - 0.01-0.02. [JFRS: 37,480]

SUB CODE: 11 / SUBM DATE: none

UDC: 669.131.7
0021 0002

GKZA, Floris

A general reaction method for the determination of the amino-nitrogen-bound benzyl group and its derivatives. Acta pharm. Hung. 36 no.1:10-12 J '66

1. Submitted January 15, 1965.

GEZA, K. J.
Country : Rumania
Category :

H-13

Lbs. Jour. :

39372

Author : Geza, K. J. and Kulcsar-Sovakova, M.
Institut. : Romanian Academy of Sciences
Title : Investigation of the Chemistry of Silicon Carbide.
II. Study of the Reaction between SiC and NiO, CoO,
and Cr₂O₃ in an Atmosphere of Oxygen at Temperatures
Orig. Pub. : up to 1,300°C
 Studii si Cercetari Chim Acad RPK, Fil Cluj, 8, No 1-
 2, 59-73 (1957)
Abstract : The authors have investigated the behavior of technical grade SiC (94.5% SiC) in mixtures with NiO, CoO, and Cr₂O₃ in an atmosphere of O₂ at temperatures of up to 1,300°C. The degree of oxidation of the SiC was determined by taking samples at various temperatures (670-1300°) from the tubular furnace in which the reaction mixture was heated (the components were charged in stoichiometric amounts according to the reaction: SiC + MeO + 2O₂ = SiO₂ + CO₂ + MeO) [Me presumably means metal] over 2 hrs and by determining the amount of CO₂ in the exit gas; the data thus obtained permit a calculation of the amount of SiC which has been oxidized. It has been found

Card: 1/2

H-38

TAT'YANIN, I.G.; GEZA, Surovi (Vengriya); BOBRYSHOV, G.I.

Industrial testing of the TS+M-5" sectional turbodrill at depths
up to 2000 meters in Hungary. Neft. khos. 3^o no.10:52-55 0 '60.
(Hungary--Turbodrills--Testing) (file 13:9)

ZHABROVA, G.M.; KADENATSI, B.M.; AZIZOV, T.S.; GORDEYEVA, V.A.; GLAZUNOV, P.Ya.;
GEZALOV, A.A.

Radiation method of preparation of highly dispersed metals and oxides.
Izv. AN SSSR. Otd. khim. nauk no. 9:1690-1692 S '62. (MIRA 15:10)

1. Institut khimicheskoy fiziki AN SSSR i Institut fizicheskoy khimii
AN SSSR.
(Metallic oxides) (Colloids) (Radiation)

AKHUNOV, A.R.; GEZALOV, F.A.

Graphic analysis method for determining the mixture of two waters.
Dokl. AN Azerb. SSR 20 no.1:35-40 '64. (MIRA 17:4)

1. Predstavлено академиком АН АзерССР Sh.F.Mekhtiyevym.

GEZALOV, V.A.

Effect of high-temperature hardening on the quality of a
catalyst. Nefteper. i neftekhim. no.2:13-14 '63.
(MIRA 17:1)
1. Novo-Bakinskidy neftepererabatyvayushchiy zavod.

DUTYANOV, V...; OZAKOV, V.A.

Automatic device for packing catalysts into corrugated filter. A
neftekhim. no. 3:34-3-163. (U.S. 17:9)

1. Novo-Lakinskij neftetergobatyayushchelij завод.

GEZALYAN, I.; MINASYAN, V.

New transmitting element for automatic control of the level of
glass in furnaces. Stek. i ker. 18 no.10(43) p. 11. (MIRA 18:11)

1. Yerevanskiy elektrolampovyy zavod.
(Liquid level indicators) (Glass furnaces)

GEZALYAN, L.S.

Systematic character of the conditioned reflex activity of dogs.
Izv. Akad. Arm. SSR. Biol. i sel'khoz. nauki 10 no. 5:21-30 My '57.
(MIRA 10:7)

1. Fiziologicheskaya laboratoriya Akademii nauk SSR.
(Conditioned response) (Dogs)

GEZALYAN, L.S.

So-called active movements of the paw in dogs. Izv. AN Arm. SSR.
Biol. i sel'khoz. nauki 10 no. 8: 59-63 Ag '57. (MIRA 10:10)

1. Fiziologicheskaya Laboratoriya Akademii nauk SSSR.
(CONDITIONED RESPONSE) (DOGS)

GENAIYAN, I. S., Cand. Biol. Sci.—(Msc.) "On the phenomenon of
synthesis in the conditions of the activity of deg."
Terevan¹, 1958. 14 pp, (Acad. Sci. Armenian SSR, Institute of Phys. Bio-
logy), 150 copies (IS, 28-58, 195).

GEZALYAN, L.S.

Change in certain functions of the damaged spinal cord in
irradiated turtles. Dokl.AN Arm.SSR 30 no.2:121-124
'60. (MIRA 13:6)

1. Sektor radiobiologii Akademii nauk Armyanskoy SSR.
Predstavлено академиком АН Армянской ССР Е.А.Асратяном.
(SPINAL CORD) (X RAYS—PHYSIOLOGICAL EFFECT)

GEZALYAN, L.S., kand.biologicheskikh nauk

Course of the injuries of the central nervous system in animals exposed to X-rays. Vop. radiobiol. [AN Arm. SSR] 1:59-67 '60.
(MIRA 15:3)

1. Iz Sektora radiobiologii AN Armynaskoy SSR.
(X RAYS--PHYSIOLOGICAL EFFECT)
(NERVOUS SYSTEM--DISEASES)

GERMANIA, East

Effects of ionizing radiation on nervous system produced following
injury of the nervous system in white rats. For the Soviet Union. AN
ADM. SCR 2854-61. '61. (MRA 1814)

13
GeZALYAN, L.S.

Dynamic stereotypes. Zhur. vys. nerv. deiat. 11 no.5:937-942 S-0
'61. (MIR 15:1)

1. Physiology Laboratory, U.S.S.R. Academy of Sciences, Moscow.
(CONDITIONED RESPONSE)

GAMBARYAN, L. S.; GEZALYAN, L. S.; GARIBYAN, A. A.; AYRAPETIAN, S. A.

Role of the cortical section of the vestibular analysor in the mechanisms of statokinetic coordination. Izv. AN Arm. SSR. Biol. nauki 15 no.4:59-65 Ap '62. (MIRA 15:7)

1. Fiziologicheskaya laboratoriya Nauchno-issledovatel'skogo instituta akusherstva i ginekologii Ministerstva zdravookhraneniya Armyanskoy SSR i fiziologicheskaya gruppa Sektora radiobiologii AN Armyanskoy SSR.

(LABYRINTH(EAR))

ALAVERDYAN, M.I., dotsent; GEZALIAN, L.S., kand. biol. nauk; GEGYAN, T.Kn.,
niacashiy nauchnyy sotrudnik; TERUGHANYAN, O.Ye.; GULIKAYAN, V.N.,
starshiy latorant

Effect of decortication and X-rays on the phagocytic activity of
leucocytes in rabbits. Vop. radiobiol. [AN Arm. SSR] 3/4:47-52
'63. (USSR 17:6)

GEZALYAN, L.S., kann. biolog. nauk; GULIKHAN, L. S., zashch. nauchnyy
sotrudnik

Effect of cerebellum injury on the peripheral blood of irradiated
rats. Vop. radiobiol. [AN Arm. SSSR] 3/4:151-157 1971.

GEZALYAN, L.S.; GASPARYAN, L.A.

Effect of the cerebellum on the composition of peripheral blood
in white rats. Izv. AN Arm. SSR. biol. nauki 16 no. 8:57-61
Ag'65 (EJMA 17:4)

1. Sektör radiobiologii AMN SSSR.

ALAVERDYAN, M.I.; GAMBARYAN, L.S.; PAPOYAN, S.A.; MUSSESYAN, M.A.;
GEZALYAN, L.S.

Effect of ionizing radiation and some surgical operations on
the cellular phagocytic reactivity of the organism. Izv. AN
Armen. SSR. Biol. nauki 18 no.11:3-10 N '65. (MIRA 19:1)

I. Sektor radiobiologii AMN SSNCR i laboratoriya nevrobiologiki
AN ArmnSSR.

L 28024-66 - ENT(m)	
ACC NR. AP6018168	SOURCE CODE: UR/0298/65/018/011/0003/0010
AUTHOR: Alaverdyan, M. I.; Gamkaryan, L. S.; Papoyan, S. A.; Movsesyan, M. A.; Gatalyan, L. S.	42 B
ORG: Sector of Radiobiology, AN SSSR (Sektor radiobiologii AMN SSSR); Laboratory of Neurobiology, AN ArmSSR (Laboratoriya nevrobioniki AN ArmSSR)	
TITLE: Effect of ionizing radiation and interference in the form of operations on the cell-phagocytic reactivity of the organism	
SOURCE: AN ArmSSR. Investiya. Seriya biologicheskikh nauk, v. 18, no. 11, 1965, 3-10	
TOPIC TAGS: ionizing radiation, radiation biologic effect, brain, cerebral cortex, autonomic nervous system, blood	
ABSTRACT: Phagocytosis was studied in rabbits against the background of decortication of the brain, removal of the sympathetic network, x-rays, and severe blood loss. A single exposure to x-rays (800 and 260 r) resulted in activation of phagocytosis within 24 hours after treatment and in a reduction of this reaction during the first, second, and third weeks of radiation sickness. The combination of radiation with blood loss resulted in a sharp inhibition of phagocytosis, stronger than that of radiation alone. Blood loss by itself did not inhibit the phagocytic reactions of the blood. Removing the abdominal sympathetic network along with radiation caused, as	
Card 1/2	

L 28024-66

ACC NR: AP6018168

did both of these factors separately, a pronounced suppression of phagocytic activity of leukocytes of rabbits in the later stages of the post-radiation period but activated phagocytosis in the twenty-four hours following radiation and removal of the sympathetic network. Removal of the cerebral cortex caused an evident reduction in the level of phagocytosis (up to five times). Orig. art. has 1 figure and 3 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 09Mar65 / ORIG REF: 030. / OTH REF: 021

Card 2/2 90

L 28024-66 ENT(m)

ACC NR: AP6018168

SOURCE CODE: UR/0298/65/018/011/0003/0010

AUTHOR: Alaverdyan, M. I.; Gamkaryan, L. S.; Papoyan, S. A.; Movsesyan, M. A. 42
Gozalyan, L. S. BORG: Sector of Radiobiology, AMN SSSR (Sektor radiobiologii AMN SSSR); Laboratory of
Neurobionics, AN ArmSSR (Laboratoriya nevrobioniki AN ArmSSR)TITLE: Effect of ionizing radiation and interference in the form of operations on
the coll-phagocytic reactivity of the organism 19SCURCE: AN ArmSSR. Izvestiya. Seriya biologicheskikh nauk, v. 18, no. 11, 1965,
3-10TOPIC TAGS: ionizing radiation, radiation biologic effect, brain, cerebral cortex,
autonomic nervous system, bloodABSTRACT: Phagocytosis was studied in rabbits against the background of
decortication of the brain, removal of the sympathetic network, x-rays, and
severe blood loss. A single exposure to x-rays (300 and 260 r) resulted in
activation of phagocytosis within 24 hours after treatment and in a reduction
of this reaction during the first, second, and third weeks of radiation
sickness. The combination of radiation with blood loss resulted in a sharp
inhibition of phagocytosis, stronger than that of radiation alone. Blood
loss by itself did not inhibit the phagocytic reactions of the blood. Re-
moving the abdominal sympathetic network along with radiation caused, as
Card 1/2

2

L 28024-66

ACC NR: AF6018168

did both of these factors separately, a pronounced suppression of phagocytic activity of leukocytes of rabbits in the later stages of the post-radiation period but activated phagocytosis in the twenty-four hours following radiation and removal of the sympathetic network. Removal of the cerebral cortex caused an evident reduction in the level of phagocytosis (up to five times). Orig. art. has 1 figure and 3 tables. [IPRS]

SUB CODE: 06 / SUBM DATE: 09Mar65 / ORIG REF: 030 / OTH REF: 021

Card 2/2 90

ACC NR: AT6036526

SOURCE CODE: UR/0000/66/000/000/0111/0112

AUTHOR: Gozalyan, L. S.; Il'in, Ye. A.; Razumeyev, A. N.

ORG: none

TITLE: Bioelectric reactions and oxygen tension in several parts of the brain during hypoxic hypoxia [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966.]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 111-112

TOPIC TAGS: hypoxia, electroencephalography, central nervous system

ABSTRACT: The sequence, functional significance, and physiological mechanisms of phase changes in the EEG's of various parts of the brain during hypoxic hypoxia were studied in rabbits with electrodes implanted in the sensorimotor region of the cortex, the hippocampus, the posterior hypothalamus, and the midbrain reticular formation. The rabbits breathed nitrogen through a mask. Functional state of these centers was evaluated by assimilation of rhythmic light flashes on the EEG. In 6 animals pO₂ in the cortex and reticular formation was polarographically recorded. As hypoxic hypoxia developed,

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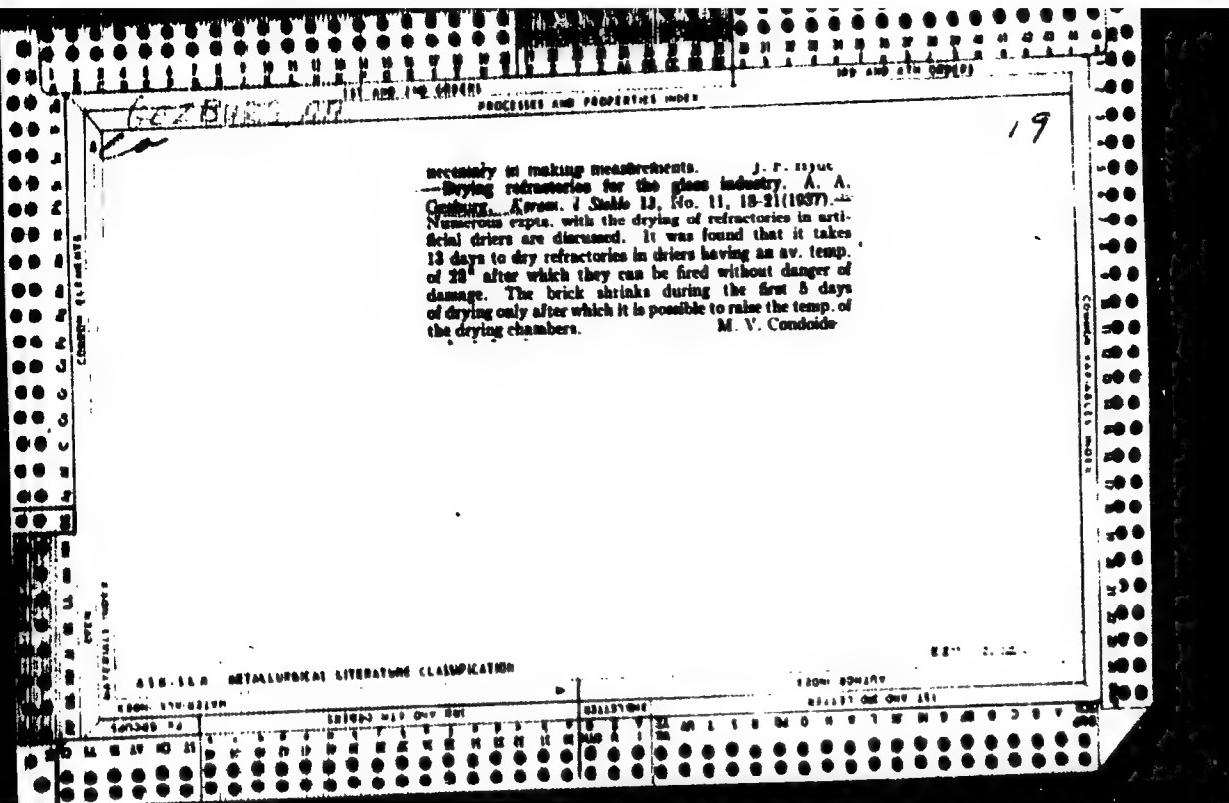
the well-known 3 characteristic phases of EEG changes appeared: 1) the arousal reaction phase; 2) the dominant slow wave phase; and 3) the phase of electrical activity extinction. It was found, however, that the phase 2 slow waves alternated with periods of rapid oscillations, and that recurrent slow waves could be observed in the activity extinction phase in addition to periods of bioelectric "silence". During the first (amplitude gain) stage of the slow wave phase EEG's of all studied brain structures showed assimilation of light flash rhythms. Simultaneous decrease in pO₂ shows this to be a persistence reaction masking the development of CNS inhibition. Restoration of the light flash rhythm assimilation following hypoxic hypoxia usually occurred first in the cerebral cortex.

Changes in cerebral cortex and reticular formation EEG's during hypoxic hypoxia were correlated and analyzed by computer, and the results compared with changes in pO₂ in the cortex (59.25 ± 10.25 from initial levels) and reticular formation (79.75 ± 3.33 from initial levels). W. A. No. 22;

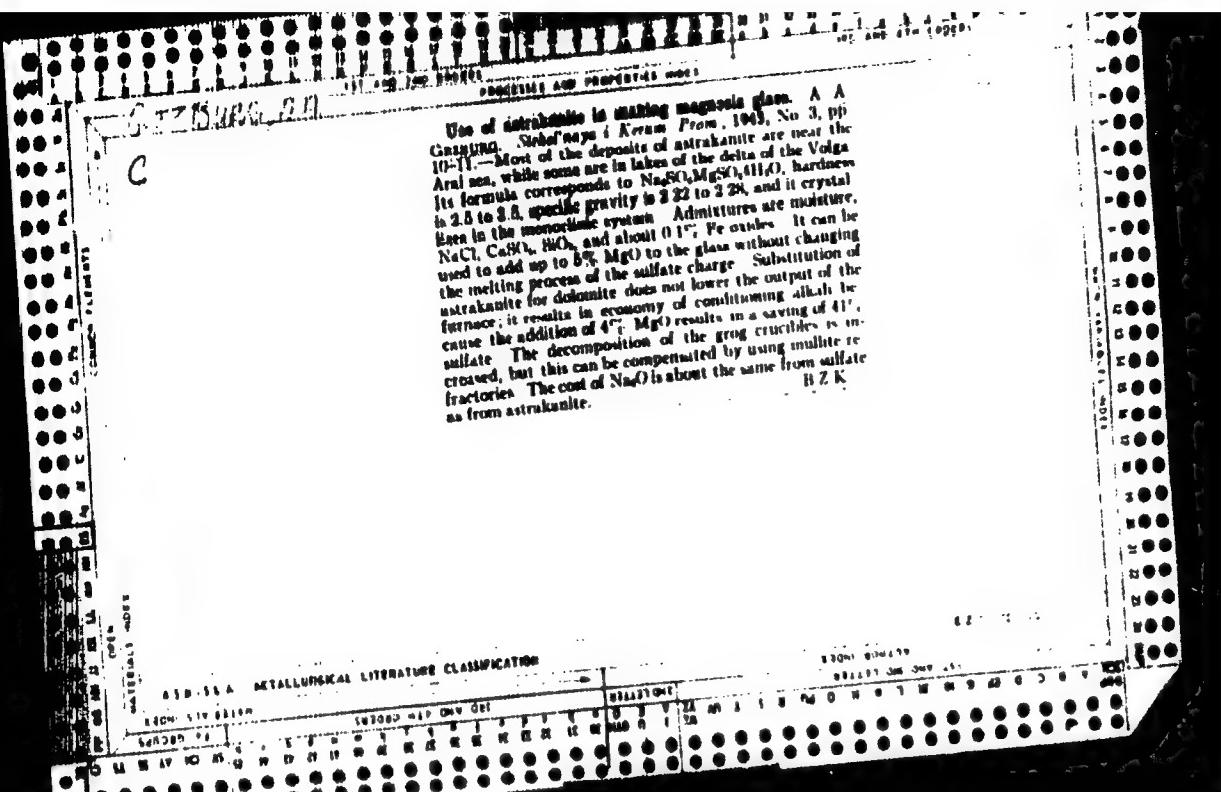
AID Report 66-1167

SUB CODE: 06 / SUBM DATE: 00May66

Card 2/2



Use of astrakhanite in making magnesia glass. A. A. Gulyanov, "Soviet Glass," Kremn. Prom., 1943, No. 3, pp. 10-11.—Most of the deposits of astrakhanite are near the Aral sea, while some are in lakes of the delta of the Volga. Its formula corresponds to $\text{Na}_2\text{SiO}_3\text{MgSiO}_4\text{H}_2\text{O}$, hardness 2.5 to 3.0, specific gravity is 2.22 to 2.28, and it is crystalized in the monoclinic system. Admixtures are moisture, NaCl , CaSO_4 , H_2O_2 , and about 0.1% Fe oxides. It can be used to add up to 5% Mg²⁺ to the glass without changing the melting process or the sulfate charge. Substitution of astrakhanite for dolomite does not lower the output of the furnace; it results in economy of conditioning alkali of the sulfate. The addition of 4% Mg²⁺ results in a saving of alkali increased, but the decomposition of the glass crucibles is increased. This cost can be compensated by using mullite instead of astrakhanite. The cost of Na²O is about the same from sulfate as from astrakhanite.



MABUJLOV, L.A.; KLYUKOVSKIY, G.I.; GEZBURG, A.A.; BALKEVICH, V.L., kandidat
tekhnicheskikh nauk, redaktor; TYUTYUNIK, M.S., redaktor; LYUDKOVSKAYA,
N.I., tekhnicheskiy redaktor.

[Practical laboratory work in the technology of silicates] Laborator-
nyi praktikum po tekhnologii silikatov. Pod.red.V.L.Balkevicha. Moskva.
Gos.izd-vo lit-ry po stroit. materialam, 1955. 346 p. (MLRA 9:5)
(Silicates)

BEZBORODOV, M.A., GORZHEV, V.A., KUASHNIKOV, N.P.

Experience in using ultrasonic waves for mechanical treatment of
glass. (ber. nauchno-tekhn. konfitekhn. inst. no.55:12-18 '56. (vibra. i v.
(Glass) (ultrasonic waves--industrial applications)

26259
S/194/61/000/001/026/038
D216/D304

15 2120

AUTHOR: Gezburg, A.A.

TITLE: Ultrasonic apparatus for polishing flat glass surfaces

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 1, 1961, 18, abstract 1 E155 (V Sb. Primeneniye ul'traakust. k issled. veshchestva. no. 10, N., 1960, 193-198)

TEXT: A description is given of a magnetostriction acoustic head, designed by the Belo-Russian Polytechnic Institute, to which is attached an instrument of the required shape. The head and the processed component are fastened to a milling machine. The head is fed from a modified repeater amplifier TY-600 (TU-600). In processing glass, barium carbide No. 200 was used. The depth of cavities on the polished glass component was 4.1 - 4.21 microns. X

Card 1/1

GEZBURG, A.A.

PHASE I BOOK EXPLOITATION 30N/5045

Vserossijskaya konferentsiya profesorov i prepodavatelyey pedagogicheskikh
institutov

Prilozheniya k trakturam k metodam i reshim voprosam vyp. 10. Utilization
of Materials for the Investigation of Materials, no. 10. Moscow, Izd-vo
VINITI, 1980. 321 p. 1000 copies printed.

Eds.: V. E. Noudrev, Professor, and B. R. Kudryavtsev, Professor.

PURPOSE: This book is intended for physicists and engineers interested in
ultrasonic engineering.

COVERAGE: The collection of articles reviews present-day research in the
application of ultrasound in medicine, chemistry, physics, metallurgy, ce-
ramics, petroleum and mining engineering, defectoscopy, and other fields.
No personalities are mentioned. References accompany individual articles.

Card 249

Utilization of Ultrasonics (Cont.)

SOV/5644

and Electroacoustical Coagulation of Aerosols

169

Merkulov, L. G., and L. A. Yakovlev [LETI im. V. I. Ul'yanova (Lenina), GIIEKI - Leningrad Electrotechnical Institute imeni V. I. Ul'yanova (Lenin), State Electric Ceramics Research Institute]. The Use of Ultrasound in Studying the Physical Properties and Structure of Ceramic Materials

170

Gezburg, A. A. [Belorussk. politekhn. in-t im. I. V. Stalina - Belorussian Polytechnical Institute imeni I. V. Stalin]. An Ultrasonic Device for Polishing Sheet Glasses

193

Greshnev, A. I. [Akademiya kommyn. Khoz-va im. K. D. Pamfilova - Academy of Municipal Services imeni K. D. Pamfilov]. New Vibration Washing Machines

199

Card 7/10

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GEZENTSVEY, A.N.

Bottom influence on temperature distribution in water basins.
Trudy Inst. okean. 4:80-102 '49.
(Ocean temperature)

(MLRA 9:3)

GEZENTSVEY, A.N.

Divergences of drift currents and the transport of heat by
currents in the North Pacific and the North Atlantic. Trudy
Inst. okean. no.9:54-118 '54. (MLRA 8:6)
(Atlantic Ocean--Ocean temperature) (Pacific Ocean--
temperature) (Ocean currents)

RGV/49-59-1-12/23

AUTHOR: Gezentsvej, A. N.

TITLE: On the Dependence of the Horizontal Macro-Exchange Coefficient in Seas on the Period of Averaging of Flow Velocity Pulsations (o zavisimosti koeffitsienta horizontal'nogo mukroobmena v more ot perioda osredneniya pul'satsiy skorosti techeniya)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1959, Nr 1, pp 105-107 (USSR)

ABSTRACT: Turbulent currents consist of separate masses of liquid ("molar masses") which are of finite dimensions and which move in a disordered manner within the current. The dimensions of these molar masses vary from very small (micro-currents) to very large eddies observed in the motion of the atmosphere and of the seas. If a turbulent stream is observed at one point, the velocity of motion recorded in this point will be in the form of continuous non-periodic pulsations. The author applied Artel's theory (Ref 1) of atmospheric turbulence to macroscopic horizontal mixing in seas. His treatment followed those of Shtokman (Ref 2) and Khlopov (Ref 4) who studied

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SCV/49-59-1-12/23

On the Dependence of the Horizontal Macro-Exchange Coefficient
in Seas on the Period of Averaging of Flow Velocity Pulsations

turbulent horizontal motion in the Caspian and Black Seas respectively. The present paper deals with flow velocity pulsations observed in the Black Sea and especially with the dependence of the macro-exchange coefficient on the period of averaging of these pulsations. The calculations described in the paper used the observations of the velocity of flow measured by the expedition of the Laboratory of Ocean Dynamics of the Oceanography Institute Ac.Sc. USSR. These measurements were made over a period of several months on board an anchored ship in August 1956. The velocity and direction of flow at depths of 20 and 100 m were recorded every 20 min for a fortnight. Pulsations of the horizontal component of velocity with a 20 min period of averaging were obtained by calculation of the difference between each observed value of the velocity component and the average for the whole period (fortnight) of observation. To allow for the wide range of variations in the dimensions of

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SUV/49-59-1-12/23

On the Dependence of the Horizontal Macro-exchange Coefficient
in Seas on the Period of Averaging of Flow Velocity Pulsations

eddies the authors averaged these pulsations for basic periods of 1 and 6 hours. As a result of this, new quantities were obtained which were regarded as "instantaneous" components of velocity of flow in the directions x and y . Departures of these 1-hour and 6-hour velocity components from the average values for the whole fortnight were calculated. This procedure yielded mean-square values of 20-min, 1-hour and 6-hour macro-pulsations of flow velocity in the geographic parallel and meridional directions. Such macro-pulsations at the depth of 20 m are given in Fig. 1 and Table 1. It can be seen that with increase of the period of averaging the mean-square pulsations decrease in amplitude. Table 2 gives the coefficients of macro-exchange in the parallel (A_x) and meridional (A_y) directions in cm^2/sec calculated from averaged macro-pulsations (for the three periods of 20 min, 1 hour and 6 hours) at depths of 20 and 100 m. These coefficients are also shown graphically in Fig. 2. Both Table 2 and Fig 2 show that the macro-exchange

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50749-59-1-12/23

On the Dependence of the Horizontal Macro-Exchange Coefficient
in Seas on the Period of Averaging of Flow Velocity Pulsations

coefficient increases with increase of the period of averaging of the flow velocity pulsations. Dependence of the macro-exchange coefficient on the period of averaging may be represented by a power function. The exponent of this power function is the same for both depths and is equal to $2/3$. Acknowledgments are made to R. V. Ozmidov for his advice. There are 2 figures, 2 tables and 4 references, 2 of which are Soviet, 2 German.

ASSOCIATION: Akademiya nauk SSSR, Inst. okeanologii
(Ac.Sc., USSR, Oceanography Institute)

SUBMITTED: June 2, 1958

Card 4/4

GEZENTSVEY, A.N.

Horizontal macroturbulent exchange in the Black Sea. Trudy Inst.
okean. 52:115-132 '61. (MIRA 14:6)
(Black Sea--Ocean currents)
(Turbulence)

GEZENTSVY, A.N.

Horizontal macroturbulent exchange in the Black Sea. Trudy Inst.
ocean. 52:133-154 '61. (MIRA 14:6)
(Pacific Ocean--Ocean currents)
(Turbulence)

GEZENTSEY, A.N.

Orders of magnitude of oceanologic characteristics. Trudy Inst.
okean. 66:91-124 '63. (MIRA 16:10)

PHASE I BOOK EXPLOITATION

SOV/4486

Boyberman, D.Z., Engineer, I.M. Dzhioyev, Engineer, I.A. Gezentsvey, Engineer,
and L. Ye. Purygin, Engineer

Stroitel'stvo domennoy pechi ob'yemom 1,719 m³ (Building of a Blast Furnace of
a 1,719 m³ Volume) Moscow, Gosstroyizdat, 1960. 140 p. Errata slip inserted.
2,500 copies printed.

Scientific Ed.: N.K. Leonidov, Engineer; Ed. of Publishing House: Z.I. Vdovenko;
Tech. Ed.: P. Ye. Ryazanov.

PURPOSE: This book is intended for the personnel of construction organizations.
It may also be useful for designers and for students of civil engineering
schools of higher education.

COVERAGE: The authors present results of experience gained in building a blast
furnace having a 1,719 m³ volume at a metallurgical plant in the Ukrainskaya
SSR. Included are discussions of the basic design proposals for the construction
of the furnace, industrial methods used for the completion of different types of

Card 1/4

GEZENTSVEY, L.B.; GOMALYSHEV, N.V., redaktor; OTOCHEVA, M.A., redaktor;
KONYASHINA, A., tekhnicheskiy redaktor.

[Asphalt concrete paving for roads] Dorozhnye asfal'tobetonnye pokry-tiya. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR,
1954. 200 p.
(Pavements, Asphalt) (Road construction)

GORENTSEV, I. B.

[Asphalt concrete covering for roads] Dorozhnye asfal'tobetonnnye pokrytiia. Moskva, M-vo kommun. khoziaistva RSFSR., 1954. 203 p.
(MLRA 8:3D)

GZEZNTSVEY, Lev Borisovich; GORMLYSHOV, M.V., redaktor; RACHEVSKAYA, M.I.,
redaktor; TONYASHINA, A., tekhnicheskiy redaktor

[Technology of asphalt concrete production] Tekhnologiya proiz-
vodstva asfal'tovogo betona. Izd.2-oe, perer. i dop. Moskva, Izd-vo
Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 326 p.
(Asphalt concrete) (MIRA 9:3)

IVANOV, N.N., professor, laureat Stalinskoy premii; GEZENTSVEY, L.B.,
inzhener

Improve the technology of preparing asphalt concrete mixes. Avt.
dor. 18 no. 4:6-8 Jl-Ag'55. (MLRA 8:11)
(Asphalt concrete)

GEZENTSVEY, L.B., inshener.

Using ultrasonic waves in testing asphalt concrete. Avt.dor. 19
no.12:9-11 D '56. (MIRA 10:10)
(Asphalt concrete) (Ultrasonic testing)